



IPW

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Katrina A. Lyon Date: 10/22/2004  
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PATENT  
Microsoft Docket No. 304965.01  
L&H No. MCS-043-03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Toyama et al.	:	Group Art Unit: 3676
	:	
Entitled: SYSTEM AND METHOD FOR EMPLOYING A GRID INDEX FOR LOCATION AND PRECISION ENCODING	:	Examiner: Unknown
	:	
Serial No.: 10/673,111	:	
	:	
Filing Date: September 26, 2003	:	

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

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Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such conclusion.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the manual of Patent Examining Procedures, section 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

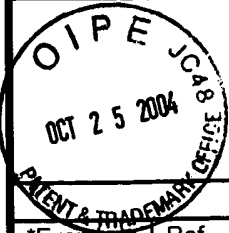
A copy of each document is enclosed unless indicated otherwise. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

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Respectfully submitted

A handwritten signature in black ink, appearing to read 'Katrina A. Lyon', written over the printed name.

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					DOCKET NO.: MCS-043-03		SERIAL NO.: 10/673,111	
					INVENTOR: Toyama et al.			
					FILING DATE: September 26, 2003		GROUP: 3676	
<p align="center"><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p>								
<p align="center"><b>U.S. PATENT DOCUMENTS</b></p>								
*Examiner Initial	Ref.	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)	
	A1	5,822,751	10/13/98	Gray et al.			12/16/1996	
<p align="center"><b>FOREIGN PATENT DOCUMENTS</b></p>								
		Document Number	Date	Country	Class	Subclass	Translation Yes No	
<p align="center"><b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b></p>								
	A2	Bahl, P. and V. N. Padmanabhan, RADAR: An in-building RF-based location and tracking system, <i>IEEE INFOCOM 2000</i> , 2000, Tel-Aviv, Israel.						
	A3	Bederson, B. B., Quantum treemaps and bubblemaps for a zoomable image browser, <i>CHI Letters</i> , 2001, vol. 3, no. 2, pp. 71-80.						
	A4	Cadiz, J. J., G. Venolia, G. Jancke, and A. Gupta, Designing and deploying an information awareness interface, <i>Proc. CSCW</i> , 2002, pp. 314-323.						
	A5	Christel, M. G., A. M. Olligschlaeger, and C. Huang, Interactive maps for a digital video library, <i>IEEE Multimedia</i> , 2000, vol. 7, no. 1, pp. 60-67.						
	A6	Diomidis, D. S., Position-annotated photographs: A geotemporal web, <i>IEEE Pervasive Computing</i> , 2003, vol. 2, no. 2, pp. 72-76.						
	A7	Dutton, G., Encoding and handling geospatial data with hierarchical triangular meshes, <i>Advances in GIS Research II</i> (Proc. SDH7, Delft, Holland), London: Taylor & Francis, pp. 505-518.						
	A8	Duygulu, P., K. Barnard, N. de Freitas, and D. Forsyth, Object recognition as machine translation: Learning a lexicon for a fixed image vocabulary, <i>Proc. European Conf. on Comp. Vision</i> , 2002, vol. IV, pp. 97-112.						
	A9	Gemmell, J., G. Bell, R. Lueder, S. Drucker, and C. Wong, MyLifeBits: Fulfilling the Memex vision, <i>Proc. ACM Multimedia</i> , 2002, pp. 235-238.						
	A10	Kimber, D., J. Foote, and S. Lertsithichai, FlyAbout: Spatially indexed panoramic video, <i>Proc. ACM Multimedia</i> , 2001, pp. 339-347.						
	A11	Lieberman, H., and H. Liu, Adaptive linking between text and photos using common sense reasoning, <i>Proc. of the 2nd Int'l. Conf. on Adaptive Hypermedia and Adaptive Web-Based Systems</i> , 2002, pp. 2-11.						
	A12	Mainichi Daily News, <a href="http://mdn.mainichi.co.jp/news/archive/200203/21/20020321p2a00m0fp003000c.html">http://mdn.mainichi.co.jp/news/archive/200203/21/20020321p2a00m0fp003000c.html</a> , March 21, 2002.						
	A13	MapPoint online maps, <a href="http://www.mappoint.com">http://www.mappoint.com</a> .						
	A14	North, C., and B. Shneiderman, A taxonomy of multiple window coordinates, University of Maryland, Dept. of Computer Science Technical Report, #CS-TR-3854, 1997.						
	A15	Red Hen Media Mapper, <a href="http://www.mediamapper.com">http://www.mediamapper.com</a> .						
	A16	Rigaux, P., M. Scholl, A. Voisard, <i>Spatial Databases with Application to GIS</i> , Morgan Kaufmann, 2002.						
	A17	Rui, Y., T. S. Huang and S. F. Chang, Image retrieval: Current techniques, promising directions and open issues, <i>Journal of Visual Communication and Image Representation</i> , vol. 10, pp. 39-62.						
	A18	Sahr, K., and D. White, Discrete global grid systems, <i>Proc. 13th Symp. Interface, Comp. Sci. &amp; Stat.</i> , 1998, pp. 269-78.						
	A19	Smeulders, A. W. M., M., Worring, and S. Santini, Content-based image retrieval at the end of the early years, <i>IEEE Trans. PAMI</i> , December 2002, vol. 22, no. 12, pp. 1349-1380.						
	A20	Smith, T. R., A digital library for geographically referenced materials, <i>IEEE Computer</i> , 1996, vol. 29, no. 5, pp. 54-60.						
	A21	USGS UTM fact sheet, <a href="http://macs.usgs.gov/mac/isb/pubs/factsheets/fs07701.html">http://macs.usgs.gov/mac/isb/pubs/factsheets/fs07701.html</a> .						
EXAMINER:				DATE CONSIDERED:				
<p>*EXAMINER: Initial if any reference considered, whether or not the citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

SERIAL NO.:  
10/673,111

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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